<u>**IN THE CLAIMS**</u>:

Please amend claims 1, 2, 15, 16 and 19 as follows. Please add new claims 22-25. Please cancel claims 8, 9 and 10 without prejudice or disclaimer

1. (Currently Amended) A gateway arrangement for receiving traffic comprising ~~a first type of traffic and a second type of~~ signalling traffic and payload traffic, the gateway arrangement comprising a first gateway and a second gateway, the first gateway being arranged to separate the ~~first and second types traffic, the first type of traffic~~ signalling traffic and the payload traffic, the signalling traffic being output to the second gateway, the second gateway being arranged to extract information from the ~~first type of~~ signalling traffic and output the information to the first gateway, and the first gateway having an output interface which is arranged to transmit the ~~second type of~~ payload traffic dependent upon the extracted information, and wherein the output interface is also an input interface which is arranged to receive signalling traffic and payload traffic.

2. (Currently Amended) The arrangement according to claim 1, wherein the first and second gateways are connected to a connector and the ~~first type of~~ signalling traffic is sent between the first and second gateways via the connector.

3. (Previously Presented) The arrangement according to claim 2, wherein the connector is provided by a local area network.

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4. (Previously Presented) The arrangement according to claim 1, wherein the first and second gateways are connected directly to each other.

5. (Previously Presented) The arrangement according to claim 1 wherein the first gateway is arranged to be connected to a mobile telecommunications network.

6. (Previously Presented) The arrangement according to claim 5, wherein the first gateway has a second interface for connecting to said mobile telecommunications network.

7. (Previously Presented) The arrangement according to claim 1, wherein the first gateway is arranged to be connected to a wired telecommunications network.

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Previously Presented) The arrangement according to claim 1, wherein the first and second gateways are connected via a wired connection.

12. (Previously Presented) The arrangement according to claim 1, wherein the first and second gateways are connected via a wireless connection.

13. (Previously Presented) The arrangement according to claim 1, wherein a plurality of first gateways are provided for the second gateway.

14. (Previously Presented) The arrangement according to claim 13, wherein eight of the first gateways are provided for the second gateway.

15. (Currently Amended) The arrangement according to claim 1, wherein the first gateway is arranged to alter the coding of the ~~second type of~~ payload traffic.

16. (Currently Amended) The arrangement according to claim 1, wherein the second gateway is arranged to alter the protocol of the ~~first type of~~ signalling traffic.

17. (Previously Presented) The arrangement according to claim 1, wherein the output interface is in accordance with ETSI E1 standard.

18. (Previously Presented) The arrangement according to claim 1, wherein the gateway arrangement is provided between a GSM environment and an IP environment.

19. (Previously Presented) The arrangement according to claim 1, wherein the extracted information is at least one of time slot and address information.

20. (Currently Amended) A gateway arranged to receive ~~first and second types of~~ signalling and payload traffic, the gateway comprising:

means for separating the ~~first and second types of~~ signalling and the payload traffic;

means for outputting the ~~first type of~~ signalling traffic to a second gateway for processing by the second gateway, wherein the means for outputting is also a means for inputting which is arranged to receive signalling traffic and payload traffic;

means for receiving a processed ~~first type of~~ signalling traffic from the second gateway, whereby the ~~second type of~~ payload traffic is transmitted by the means for outputting dependent upon the processed ~~first type of~~ signalling traffic received from the second gateway.

21. (Previously Presented) The arrangement according to claim 1, wherein the gateway arrangement further comprises a plurality of second gateways.

22. (New) A gateway arrangement for receiving traffic comprising a first type of traffic and a second type of traffic, the gateway arrangement comprising a first gateway and a second gateway, the first gateway being arranged to separate the first and second types of traffic, the first type of traffic being output to the second gateway, the second gateway being arranged to extract information from the first type of traffic and output the information to the first gateway, and the first gateway having an output interface which is arranged to transmit the second type of traffic dependent upon the extracted information, wherein eight of the first gateways are provided for the second gateway.

23. (New) A gateway arrangement for receiving traffic comprising a first type of traffic and a second type of traffic, the gateway arrangement comprising a first gateway and a second gateway, the first gateway being arranged to separate the first and second types of traffic, the first type of traffic being output to the second gateway, the second gateway being arranged to extract information from the first type of traffic and output the information to the first gateway, and the first gateway having an output interface which is arranged to transmit the second type of traffic dependent upon the extracted information, wherein the first gateway is arranged to alter the coding of the payload traffic and the second gateway is arranged to alter the protocol of the signalling traffic.

24. (New) A gateway arrangement for receiving traffic comprising a first type of traffic and a second type of traffic, the gateway arrangement comprising a first gateway

and a second gateway, the first gateway being arranged to separate the first and second types of traffic, the first type of traffic being output to the second gateway, the second gateway being arranged to extract information from the first type of traffic and output the information to the first gateway, and the first gateway having an output interface which is arranged to transmit the second type of traffic dependent upon the extracted information, wherein the output interface is in accordance with the ETSI E1 standard and the extracted information is at least one of time slot and address information.

25. (New) A gateway arrangement for receiving traffic comprising a first type of traffic and a second type of traffic, the gateway arrangement comprising a first gateway and a second gateway, the first gateway being arranged to separate the first and second types of traffic, the first type of traffic being output to the second gateway, the second gateway being arranged to extract information from the first type of traffic and output the information to the first gateway, and the first gateway having an output interface which is arranged to transmit the second type of traffic dependent upon the extracted information, wherein the gateway arrangement is provided between a GSM environment and an IP environment and the extracted information is at least one of time slot and address information.